

10/506485

S/N unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	ISHIHARA et al.	Examiner:	unknown
Serial No.:	unknown	Group Art Unit:	unknown
Filed:	2 September 2004	Docket No.:	14633.4USWO
Title:	HETEROCYCLE-BEARING ONIUM SALTS		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV372673866US

Date of Deposit: September 2, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: David Ortiz

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

Applicant hereby brings attention to the Examiner that eight of the references listed were cited in an International Search Report dated 14 January 2003. A copy of the International Search Report is enclosed.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

English abstracts are provided for the following references: JP 10-330353, JP 8-165290, JP 9-12614, JP 9-12615, JP 10-60098, JP 10-67812, JP 10-101718, JP 10-120766, JP 10-130363, JP 10-152554, JP 10-168160, JP 10-182634, JP 10-182711, JP 10-279616, JP 11-269169, and JP 11-322944. US 6,528,232 corresponds to JP 2001-294570.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.


Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Dated: 2 September 2004

By 
Douglas P. Mueller
Reg. No. 30,300

DPM:hjm



D109 Rec'd PCT/PTO 02 SEP 2004

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14633.4USWO		Application Number: 10/506485
	Applicant: ISHIHARA et al.		
	Filing Date: 2 September 2004	Group Art Unit: unknown	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4 394 403	19 July 1983	SMITH				
	4 058 401	15 Nov. 1977	CRIVELLO				
	4 173 476	6 Nov. 1979	SMITH et al.				
	4 683 317	28 July 1987	CRIVELLO et al.				
	6 528 232 B1	4 March 2003	MAEDA et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	GB 1 516 511	5 July 1978	Great Britain				
	GB 1 516 512	5 July 1978	Great Britain				
	GB 1 516 351	5 July 1978	Great Britain				
	GB 1 516 352	5 July 1978	Great Britain				
	JP 10-330353	15 Dec. 1998	Japan			abstract	
	JP 2001-294570	23 Oct. 2001	Japan			see US 6,528,232	
	JP 8-165290	25 June 1996	Japan			abstract	
	JP 9-012614	14 Jan. 1997	Japan			abstract	
	JP 9-012615	14 Jan. 1997	Japan			abstract	
	JP 64-60098	7 March 1989	Japan			abstract	
	JP 64-67812	14 March 1989	Japan			abstract	
	JP 10-101718	21 April 1998	Japan			abstract	
	JP 10-120766	12 May 1998	Japan			abstract	
	JP 10-130363	19 May 1998	Japan			abstract	
	JP 10-152554	9 June 1998	Japan			abstract	
	JP 10-168160	23 June 1998	Japan			abstract	
	JP 10-182634	7 July 1998	Japan			abstract	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date Mailed: 2 September 2004

DT09 Rec'd PTO 02 SEP 2004

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	JP 10-182711	7 July 1998	Japan			abstract	
	JP 10-279616	20 Oct. 1998	Japan			abstract	
	JP 11-269169	5 Oct. 1999	Japan			abstract	
	JP 11-322944	26 Nov. 1999	Japan			abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		FARHAN et al. <i>Polish J.Chem.</i> , Vol. 71, No. 9, pp. 1236-1245 (1997).

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	